

Name _____

Moles-Molar Mass Calculations

Convert the following amounts. Show all work with units. You may use a periodic table.

$$9.5 \text{ mol Ca} = \underline{\hspace{1cm}}? \underline{\hspace{1cm}} \text{ g Ca}$$

$$6.2 \text{ mol F} = \underline{\hspace{1cm}}? \underline{\hspace{1cm}} \text{ g F}$$

$$4.5 \text{ mol Ar} = \underline{\hspace{1cm}}? \underline{\hspace{1cm}} \text{ g Ar}$$

$$9.0 \text{ mol Li} = \underline{\hspace{1cm}}? \underline{\hspace{1cm}} \text{ g Li}$$

$$1.2 \text{ g O} = \underline{\hspace{1cm}}? \underline{\hspace{1cm}} \text{ mol O}$$

$$2.5 \text{ g K} = \underline{\hspace{1cm}}? \underline{\hspace{1cm}} \text{ mol K}$$

$$49 \text{ g F} = \underline{\hspace{1cm}}? \underline{\hspace{1cm}} \text{ mol F}$$

$$500 \text{ g B} = \underline{\hspace{1cm}}? \underline{\hspace{1cm}} \text{ mol B}$$